

**C-GC-90A - PAVEMENT DESIGN SPECIFICATIONS FOR PRIVATE STREETS.**

The minimum required pavement width for private streets in Grove City is 26-ft from face of curb to face of curb (per City Code Sec. 1105). In the event that on-street parking is permitted on the private street, the City may require the width to be increased above this minimum.

Curbing on private streets shall be either combination curb and gutter (C-GC-57A) or straight curb (C-GC-58). No extruded concrete or asphalt curb will be permitted.

The proposed pavement section for private streets must be designed by the developer's engineer using the current version of the Ohio Department of Transportation Pavement Design Guide. Design calculations along with a geotechnical report must be submitted to the City for review and approval. Under no circumstances shall the pavement composition for private streets fall below these minimum requirements (Item numbers refer to City of Columbus CMS):

**Flexible Pavement Section**

Item 204 - Subgrade Compaction with Acceptable Proof Roll

Item 304 - Aggregate Base, T=6-in

Item 301 - Asphalt Concrete Base, T=3-in.

Item 407 - Tack Coat

Item 448 - Asphalt Concrete, Surface Course (Medium Traffic), PG 64-22, T=1.50-in.

**Rigid Pavement Section**

Item 204 - Subgrade Compaction with Acceptable Proof Roll

Item 304 - Aggregate Base, T=4-in

Item 452 - Non-Reinforced Portland Cement Concrete Pavement (Class "C"), T=6-in.

**Composite Pavement Section**

Item 204 - Subgrade Compaction with Acceptable Proof Roll

Item 304 - Aggregate Base, T=4-in

Item 305 - Portland Cement Concrete Base (Class "C"), T=5-in.

Item 407 - Tack Coat

Item 448 - Asphalt Concrete, Surface Course (Medium Traffic), PG 64-22, T=1.50-in.

Item 409 - Sawing and Sealing Asphalt Concrete Pavement Joints

In the event that the private roadway subgrade does not achieve an acceptable proof roll, as determined by the City, removal of unsuitable soils and replacement with granular material and/or soil stabilization will be required.

Approved By:  
  
City Engineer, EMH&T Inc.  
  
City Service Director

STANDARD DIMENSIONS  
FOR

**PAVEMENT DESIGN  
SPECIFICATIONS FOR  
PRIVATE STREETS**

**CITY OF  
GROVE CITY, OHIO**

STANDARD  
CONSTRUCTION DRAWING

Revised

Rev  
February 2016

Drawing No.

**C-GC-90A**